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=> d his

     (FILE 'HOME' ENTERED AT 16:50:10 ON 07 AUG 2006)

     FILE 'REGISTRY' ENTERED AT 16:50:22 ON 07 AUG 2006
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L2               8 S L1
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100.0% PROCESSED      164 ITERATIONS                              17 ANSWERS
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FULL ESTIMATED COST                             228.14     228.35

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=> s l6
L7             1 L6

=> d l7 bib abs fhitstr

L7   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   2004:2877  CAPLUS
DN   140:59667
TI   Preparation of 1-[(indol-3-yl)carbonyl]piperazine derivatives for the
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treatment of pain

IN Cowley, Phillip Martin; Caulfield, Wilson; Tierney, Jason; Cairns, James; Adam-Worrall, Julia; York, Mark

PA Akzo Nobel N.V., Neth.

SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2

DT Patent

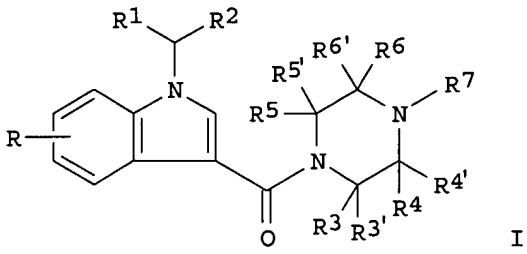
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004000832	A1	20031231	WO 2003-EP50226	20030613
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2490141	AA	20031231	CA 2003-2490141	20030613
	AU 2003250245	A1	20040106	AU 2003-250245	20030613
	BR 2003011960	A	20050322	BR 2003-11960	20030613
	NZ 537143	A	20050527	NZ 2003-537143	20030613
	EP 1549637	A1	20050706	EP 2003-760704	20030613
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1668611	A	20050914	CN 2003-817090	20030613
	JP 2005533801	T2	20051110	JP 2004-514874	20030613
	NO 2004005351	A	20050120	NO 2004-5351	20041207
	ZA 2004010057	A	20051020	ZA 2004-10057	20041213
	US 2005250760	A1	20051110	US 2004-518279	20041215
PRAI	EP 2002-77505	A	20020621		
	WO 2003-EP50226	W	20030613		

OS MARPAT 140:59667

GI



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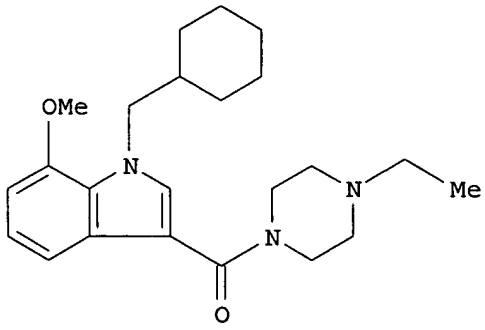


II

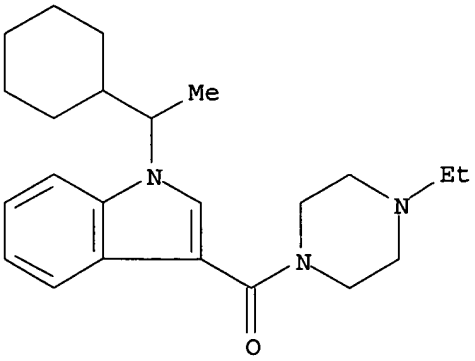
AB Title compds. I [R = 1-4 substituents: H, alkyl, halo, etc.; R1 = cyclo(alk(en)yl); R2 = H, Me, ethyl; R3-5, R3'-6' = H, alkyl, alkyloxy, etc.; R6 = H, alkyl, alkyloxy, halo, etc.; R7 = H, alkyl, cycloalkyl, etc.] are prepared For instance, 7-methoxyindole-3-carboxylic acid (preparation given) is alkylated with bromomethylcyclohexane (DMF, NaH), converted to the acid chloride and used to acylate N-ethylpiperazine to give II, isolated as the maleate. Compds. of the invention exhibited activity in a CB1 receptor binding assay and selected compds. significantly increased tail flick latency with an ED50 < 5 μmol/kg. I are useful in treatment of pain: such as peri-operative pain, chronic pain neuropathic pain, cancer pain and pain and spasticity associated with multiple sclerosis.

IT 639068-09-0P
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1-[(indol-3-yl)carbonyl]piperazine derivs. for treatment of pain)

RN 639068-09-0 CAPLUS

CN Piperazine, 1-[[1-(1-cyclohexylethyl)-1H-indol-3-yl]carbonyl]-4-ethyl-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



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CA SUBSCRIBER PRICE	-0.75	-0.75

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FILE CONTENT: 1961-PRESENT VOL 145 ISS 6 (20060804/ED)

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(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 2006135764 22 JUN 2006
DE 102004056104 24 MAY 2006
EP 1674464 28 JUN 2006
JP 2006143645 08 JUN 2006
WO 2006058720 08 JUN 2006
GB 2421183 21 JUN 2006
FR 2877945 19 MAY 2006
RU 2276150 10 MAY 2006
CA 2488034 19 MAY 2006

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FULL ESTIMATED COST                                     0.44     234.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

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L8            0 L6

=> log h
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                     0.44     234.80

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